

International Application No.  
PCT/FI 2004/000200

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: D21H 17/46, D21H 21/00, D21H 27/00  
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: D21H, H01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPODOC, PAJ, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4521450 A (ROBERT BJORKLUND ET AL), 4 June 1985 (04.06.1985), column 4, line 34 - line 67, claim 1 --	1-16
A	EP 0783015 A1 (ELF ATOCHEM S.A.), 9 July 1997 (09.07.1997), page 4, line 35 - page 5, line 6, claims 1-2, abstract, & WPI, Derwent CN 1161980 --	1-16
A	US 5211810 A (GENE W. BARTHOLOMEW ET AL), 18 May 1993 (18.05.1993), column 3, line 25 - line 63; column 11, line 33 - line 47, claim 1 --	1-16

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
  - "E" earlier application or patent but published on or after the international filing date
  - "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
  - "O" document referring to an oral disclosure, use, exhibition or other means
  - "P" document published prior to the international filing date but later than the priority date claimed
  - "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
  - "X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
  - "Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
  - "&" document member of the same patent family

Date of the actual completion of the international search 1 July 2004	Date of mailing of the international search report 05-07-2004
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Barbro Nilsson/MP Telephone No. +46 8 782 25 00

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/FI 2004/000200

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4803096 A (HANS H. KUHN ET AL), 7 February 1989 (07.02.1989), column 6, line 38 - column 7, line 11, abstract  -----	1-16

# INTERNATIONAL SEARCH REPORT

Information on patent family members

30/04/2004

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